

February 9, 2001

TO: Sharon Kennedy, Art Unit 3763  
FROM: Jeanne Horrigan, EIC-3700 *JKH*  
SUBJECT: Litigation Search Results for US Patent 5,498,240

Attached are the litigation search results for US Patent 5,498,240. The search was conducted in three databases: Inpadoc, Lexis/Nexis, and Questel. Here is a summary of the results.

- Patent family and legal status (from Inpadoc)
- Legal status, patent status, and reissue information (from Questel)
- Reissue information (from Lexis/Nexis)

There were no litigation alerts on the patent in Questel. There were no law cases, law journal articles, or current news articles on the patent in Lexis/Nexis.

I hope this information is useful. Please let me know if you have any questions or need more information.

## SEARCH REQUEST FORM

Examiner # (Mandatory): 75478 Requester's Full Name: Sharon Kennedy  
 Art Unit 3763 Location (Bldg/Room#): CP2-3D31 Phone (circle 305 306 308) 0154  
 Serial Number: 08/843,711 <sup>Reissue</sup> Results Format Preferred (circle) PAPER DISK E-MAIL  
 Title of Invention Intravascular Catheter w/ Replaceable Shaft Section  
 Inventors (please provide full names): Baygiran et al  
Advanced Cardiovascular Systems  
 Earliest Priority Date: \_\_\_\_\_

Keywords (include any known synonyms registry numbers, explanation of initialisms):

*Need a litigation search for this reissue  
 Patent no. 5,498,240*

*Thanks. Sharon*

## Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

## STAFF USE ONLY

Searcher: Jeanne Corrigan  
 Searcher Phone #: 305-5934  
 Searcher Location: CP2-2C08  
 Date Picked Up: 2-9  
 Date Completed: 2-9  
 Clerical Prep Time: 7  
 Terminal Time: 6  
 Number of Databases: \_\_\_\_\_

## Type of Search

\_\_\_\_ N.A. Sequence  
 \_\_\_\_ A.A. Sequence  
 \_\_\_\_ Structure (#)  
 \_\_\_\_ Bibliographic  
☒ Litigation I  
 \_\_\_\_ Fulltext  
 \_\_\_\_ Procurement  
 \_\_\_\_ Other

## Vendors (include cost where applicable)

\_\_\_\_ STN  
☒ Questel/Orbit  
☒ Lexis/Nexis  
 \_\_\_\_ WWW/Internet  
 \_\_\_\_ In-house sequence systems (list)  
☒ Dialog  
 \_\_\_\_ Dr. Link  
 \_\_\_\_ Westlaw  
 \_\_\_\_ Other (specify)

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INPADOC



**Basic Patent (Number,Kind,Date):** CA 2191574 AA 951207

**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
CA 2191574	AA	951207	CA 2191574	A	950516 (Basic)
<u>EP 760695</u>	A1	970312	EP 95919223	A	950516
JP 10501152	T2	980203	JP 95500919	A	950516
<u>US 5498240</u>	A	960312	US 250785	A	940527
WO 9532755	A1	951207	WO 95US6146	A	950516

**Priority Data:**

Patent Number	Kind	Date
US 250785	A	940527
WO 95US6146	W	950516

**PATENT FAMILY:**

**Canada (CA)**

Patent (Number,Kind,Date): CA 2191574 AA 951207

INTRAVASCULAR CATHETER WITH A REPLACEABLE SHAFT SECTION (English; French)

Patent Assignee: ADVANCED CARDIOVASCULAR SYSTEM (US)

Author (Inventor): BAGAOISAN CELSO S J (US); SHANAHAN JOHN P (GB); MUNI KETAN P (US); HAMMACK ELIZABETH N (US); ABRAMS ROBERT M (US); PEACOCK JAMES C III (US); TREMULIS WILLIAM S (US)

Priority (Number,Kind,Date): US 250785 A 940527

Applic (Number,Kind,Date): CA 2191574 A 950516

IPC: \* A61M-025/00; A61M-029/02

Derwent WPI Acc No: \* G 96-030353

Language of Document: English

**Canada (CA) - Legal Status**

Number	Type	Date	Code	Text
CA 2191574	P	961128	CA REF	WO 9532755 P
			FW	CORRESPONDS TO PCT APPLICATION (ENTSPRICHT PCT ANMELDUNG)

**European Patent Office (EP)**

Patent (Number,Kind,Date): EP 760695 A1 970312

INTRAVASCULAR CATHETER WITH A REPLACEABLE SHAFT SECTION (English; French; German)

Patent Assignee: ADVANCED CARDIOVASCULAR SYSTEM (US)

Author (Inventor): BAGAOISAN CELSO S J (US); SHANAHAN JOHN P (GB); MUNI KETAN P (US); HAMMACK ELIZABETH N (US); ABRAMS ROBERT M (US); PEACOCK JAMES C III (US); TREMULIS WILLIAM S (US)

Priority (Number,Kind,Date): WO 95US6146 W 950516; US 250785 A 940527

Applic (Number,Kind,Date): EP 95919223 A 950516

Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL

IPC: \* A61M-025/00; A61M-029/02

Derwent WPI Acc No: \* G 96-030353

Language of Document: English

**European Patent Office (EP) - Legal Status**

Number	Type	Date	Code	Text
EP 760695	P	940527	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				US 250785 A 940527
EP 760695	P	950516	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
				WO 95US6146 W 950516
EP 760695	P	950516	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 95919223 A 950516
EP 760695	P	970312	EP AK	DESIGNATED CONTRACTING STATES (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				IN AN APPLICATION WITH SEARCH REPORT:
				BE CH DE FR GB IT LI NL
EP 760695	P	970312	EPA1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNGDER ANMELDUNG MIT RECHERCHENBERICHT)
EP 760695	P	970312	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				961127
EP 760695	P	981223	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)

981106

**Japan (JP)**

Patent (Number,Kind,Date): JP 10501152 T2 980203

Priority (Number,Kind,Date): WO 95US6146 W 950516; US 250785 A 940527

Applic (Number,Kind,Date): JP 95500919 A 950516

IPC: \* A61M-039/00

Derwent WPI Acc No: \* G 96-030353

Language of Document: Japanese

**United States of America (US)**

Patent (Number,Kind,Date): US 5498240 A 960312

INTRAVASCULAR CATHETER WITH A REPLACEABLE SHAFT SECTION (English)

Patent Assignee: ADVANCED CARDIOVASCULAR SYSTEM (US)

Author (Inventor): BAGAOISAN CELSO S J (US); SHANAHAN JOHN P (US); MUNI KETAN P (US); HAMMACK ELIZABETH N (US); ABRAMS ROBERT M (US); PEACOCKIII JAMES C (US); TREMULIS WILLIAM S (US)

Priority (Number,Kind,Date): US 250785 A 940527

Applic (Number,Kind,Date): US 250785 A 940527

National Class: \* 604096000; 604283000

IPC: \* A61M-029/00; A61M-025/00

Derwent WPI Acc No: \* G 96-030353

Language of Document: English

**United States of America (US) - Legal Status**

Number	Type	Date	Code	Text	
US 5498240	P	940527	US AE	APPLICATION DATA (PATENT)	(APPL. DATA(PATENT))
				US 250785 A 940527	
US 5498240	P	941125	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST	
				ADVANCED CARDIOVASCULAR SYSTEMS, INC. 3200 LAKESIDE DRIVE SANTA CLARA, CALIFORNI ; BAGAOISAN, CELSO S.J. : 19940913; SHANAHAN, JOHN P. : 19941003; MUNI, KETAN P. : 19940908; HAMMACK, ELIZABETH : 19941118;	
US 5498240	P	960312	US A	PATENT	
US 5498240	P	980512	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)

970416

**World Intellectual Property Organization, PCT (WO)**

Patent (Number,Kind,Date): WO 9532755 A1 951207

**INTRAVASCULAR CATHETER WITH A REPLACEABLE SHAFT SECTION (English)**

Patent Assignee: ADVANCED CARDIOVASCULAR SYSTEM (US)

Author (Inventor): BAGAOISAN CELSO S J; SHANAHAN JOHN P; MUNI KETAN P;  
HAMMACK ELIZABETH N; ABRAMS ROBERT M; PEACOCK JAMES C III; TREMULIS  
WILLIAM S

Priority (Number,Kind,Date): US 250785 A 940527

Applic (Number,Kind,Date): WO 95US6146 A 950516

Designated States: (National) CA; JP (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT;  
LU; MC; NL; PT; SE

Filing Details: WO 100000 With international search report

IPC: \* A61M-025/00; A61M-029/02

Derwent WPI AccNo: \* G 96-030353; G 96-030353

Language of Document: English

**World Intellectual Property Organization, PCT (WO) - Legal Status**

Number	Type	Date	Code	Text
WO 9532755	P	940527	WO AA	PRIORITY (PATENT)  US 250785 A 940527
WO 9532755	P	950516	WO AE	APPLICATION DATA (APPL. DATA)  WO 95US6146 A 950516
WO 9532755	P	951207	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)  CA JP
WO 9532755	P	951207	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)  AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
WO 9532755	P	951207	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9532755	P	960229	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO	P	960327	WO121	EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))

9532755

WO	P	961128	WO	ENTRY INTO THE
9532755			ENP	NATIONAL PHASE IN:
				CA 2191574 AA

INPADOC/Family and Legal Status

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Dialog® File Number 345 Accession Number 12760487

QUESTEL SEARCH RESULTS FOR US PATENT 5,498,240  
February 9, 2001

Search statement 1: us5498240/pn

Term not in index/PN-LITA : US5498240

LGST	1 [LEGAL STATUS]
CRXX	1 [CLAIMS, REISSUE, REASSIGN., REEXAM INFO]
PAST	1 [PATENT STATUS]
LITA	0 [LITIGATION ALERT]

\*\* SS 1 : Results 3

1/3 LGST (1/1) - (C) LEGSTAT

PN - US 5498240 [US5498240]  
AP - US 250785/94 19940527 [1994US-0250785]  
DT - US-P  
ACT - 19940527 US/AE-A  
APPLICATION DATA (PATENT)  
{US 250785/94 19940527 [1994US-0250785]}  
- 19941125 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
ADVANCED CARDIOVASCULAR SYSTEMS, INC. 3200 LAKESIDE DRIVE SANTA CLARA,  
CALIFORNI \* BAGAOISAN, CELSO S.J. : 19940913; SHANAHAN, JOHN P. :  
19941003; MUNI, KETAN P. : 19940908; HAMMACK, ELIZABETH : 19941118;  
- 19960312 US/A  
PATENT  
- 19980512 US/RF  
REISSUE APPLICATION FILED  
970416  
UP - 1999-19

2/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 2697655  
PN - 5,498,240 A 19960312 [US5498240]  
PA - Advanced Cardiovascular Systems Inc  
PT - M (Mechanical)  
ACT - 19970416 REISSUE REQUESTED  
Issue Date of O.G.: 19980512  
Reissue Request Number: 08/843711  
Examination Group responsible for Reissue process: 3306  
UP - 1999-00

3/3 PAST (1/1) - (C) PAST

AN - 199819-001034  
PN - 5498240 A [US5498240]  
DT - A (UTILITY)  
OG - 1998-05-12  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED



LEXIS/NEXIS SEARCH RESULTS FOR US PATENT 5,498,240  
February 9, 2001

LEVEL 1 - 1 OF 1 PATENT

<5,498,240>

<=> GET 1st DRAWING SHEET OF 3

Mar. 12, 1996

Intravascular catheter with a replaceable shaft section

REISSUE: Reissue Application filed Apr. 16, 1997 (O.G. May 12, 1998) Ex. Gp.:  
3306; Re. S.N. 08/843,711

CORE TERMS: distal, shaft, catheter, proximal, balloon, lumen, dilatation,  
tubular, guidewire, patient...

>>>

5498240 OR 5,498,240

Your search request has found no [LAW] CASES.

Your search request has found no [LAW JOURNAL] ITEMS.

Your search request has found no [CURRENT NEWS] STORIES.